

# Master INSCAT Report

06/02/2004

Dept: 'VT'

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Department: VT  
Noun Name: AIR FLOW ALARMS #:

Reference:

OPNAVINST 5100.19(SERIES)  
GSO 436D  
PMS MIP 4361/002; MIP 4361/051; MIP IC4/057  
MACHALT 593-59006  
TECHNICAL MANUAL S9512-CU-MMC-010  
OR SE168-AC-MM0-010

Remarks:

- ALARM SETPOINT PLACARD WAS NOT POSTED
- ALARM WAS SET BELOW ZERO
- ALARM WAS SET TO ZERO
- AUDIBLE ALARM WAS INOPERATIVE
- PANEL HAD NO POWER AVAILABLE
- PANEL WAS IN ALARM CONDITION
- PANEL WAS NOT INDICATING AIR FLOW DUE TO A BROKEN METER
- POWER INDICATOR LAMP DID NOT ILLUMINATE
- BATTERY WAS DEAD
- PMS WAS NOT PERFORMED
- SENSORS WERE DIRTY OR DAMAGE

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Department: VT  
Noun Name: FAN ROOM#:

Reference:

GSO 512, 507, 070, 075  
NSTM 505, 510

Remarks:

- THE FILTER COVER WAS MISSING \_\_\_\_\_ OF \_\_\_\_\_ FASTENERS
- THE LAGGING WAS NOT PROPERLY STENCLIED
- THE LAGGING WAS WET / DETERIORATED
- THE COOLING COIL WAS DIRTY / CLOGGED
- THE MANUAL DAMPER HANDLES WAS INOP / TIED OPEN
- THE DIFFENERIAL GAGE WAS INOP / BROKEN / LOOSE
- THE DRAIN PAN WAS DIRTY/CLOGGED / CORRODED
- THE DUCT WORK WAS RUSTED THRU / DAMAGED / CORRODED
- THE EXPANSION JOINTS WAS PAINTED / DEGRADED
- THE GROUNDING STRAPS WAS MISSING
- THE ELECTRICAL CONNECTING BOX WAS MISSING FASTENERS / LOOSE
- THE STENCILING WAS INCORRECT / MISSING DIRECTION OF FLOW / SYSTEM NUMBERS
- THE THERMOSTAT WAS LOOSE / INOP
- THE ELECTRICAL FAN WAS INSTALLED BACKWARD/WIRE BACKARDS

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Department: VT  
Noun Name: VENTILATION, ABRASIVE BLAST CABINET:

Reference:

INDUSTRIAL VENTILATION MANUAL 10-120  
OPNAVINST 5100.19D

Remarks:

- ABRASIVE BLASTING CABINET:
- EXHAUST VENTILATION SYSTEM WAS INADEQUATE.
  - EXHAUST VENTILATION SYSTEM WAS NOT INSTALLED.
  - WAS NOT EQUIPPED WITH LOCAL EXHAUST VENTILATION.
  - EXHAUST VENTILATION SYSTEM WAS INOPERABLE.
  - EXHAUST VENTILATION SYSTEM WAS LEAKING DUE TO DAMAGED GASKETS OR GLOVE ATTACHMENTS.
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Department: VT  
Noun Name: VENTILATION, AVIATION FLAMMABLE LIQ STRM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL  
OPNAVINST 5100.19D

Remarks:  
- MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY FOUR MINUTES IN THE AVIATION FLAMMABLE LIQUID STOREROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_ AIR CHANGE EVERY FOUR MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, AVIATION FUELS LAB HOOD:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL  
OPNAVINST 5100.19D

Remarks:  
AVIATION FUEL LAB LOCAL EXHAUST VENTILATION LABORATORY HOOD:  
- WAS NOT PROVIDED.  
- HAD INADEQUATE AIR FLOW.  
- WAS POORLY DESIGNED.  
- DID NOT HAVE 80-100 FPM FULL OPEN AREA FACE VELOCITY (SASH HEIGHT MUST BE ADJUSTED AND MARKED TO ENSURE 80-100 FPM FACE VELOCITY IF IT CANNOT BE ACHIEVED WITH FULL OPEN FACE AREA).  
- WAS NOT EVALUATED BY AN INDUSTRIAL HYGIENIST.

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Department: VT  
Noun Name: VENTILATION, BATTERY CHARGING AREA:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL  
OPNAVINST 5100.19D, C0904  
SHIP SPEC 512 (DDG-51 AT/FCT'S ONLY)

Remarks:  
- EXHAUST VENTILATION AIRFLOW WAS INADEQUATE AT THE BATTERY CHARGING RACK AREA.  
- BATTERY CHARGING AREA/RACK DID NOT HAVE LOCAL EXHAUST VENTILATION.  
- THE EXHAUST VENTILATION IN THE BATTERY CHARGING AREA WAS NOT INTERLOCKED TO ENERGIZE WHEN THE BATTERY CHARGERS ARE USED.

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Department: VT  
Noun Name: VENTILATION, CANOPY HOOD:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL  
OPNAVINST 5100.19D

Remarks:  
MECHANICAL EXHAUST VENTILATION CANOPY HOOD IN THE FOLLOWING LOCATION WAS DEFICIENT AS FOLLOWS:  
- A CANOPY HOOD WAS INCORRECTLY INSTALLED TO CONTROL AN AIR CONTAMINANT HAZARD.  
NOTE: CANOPY HOODS ARE ONLY USED FOR HEAT CONTROL, SUCH AS OVER BAKE OVENS, AND NOT AIR CONTAMINANT CONTROL. TO REACH THE OVERHEAD EXHAUST, CANOPY HOODS REQUIRE THAT THE AIR CONTAMINANT BE DRAWN THROUGH THE WORKER'S BREATHING ZONE POTENTIALLY EXPOSING THE WORKER.  
- HOOD VENTILATION SYSTEM WAS INOP.  
- AIR FLOW WAS INADEQUATE FOR HEAT CONTROL.  
- WAS NOT EVALUATED BY AN INDUSTRIAL HYGIENIST.

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Department: VT  
Noun Name: VENTILATION, COMPOSITE SHOP HOOD:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL  
OPNAVINST 5100.19D  
SHIP SPEC 512 (DDG-51 AND LHD-2 CLASS AT/FCT'S ONLY)  
GSO 512

Remarks:  
IN THE COMPOSITE SHOP, THE FLEXIBLE HOOD LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED FOR CONTAMINANT CAPTURE AND CONTROL.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.

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Department: VT  
Noun Name: VENTILATION, CORROSIVES STOREROOM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 13G  
OPNAVINST 5100.19D

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY SIX MINUTES IN THE CORROSIVES STOREROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_ AIR CHANGE EVERY SIX MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, DUCT/FAN/DIFFUSER NOISE:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 12E

Remarks:  
EXCESSIVE NOISE WAS NOTED FROM THE DUCT/FAN/DIFFUSER IN THE FOLLOWING LOCATION:  
ACOUSTICAL TREATMENT WAS MISSING IN THE FOLLOWING LOCATIONS:

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Department: VT  
Noun Name: VENTILATION, FILTER CLEANING SHOP:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 12A

Remarks:  
IN THE FILTER CLEANING SHOP, THE LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.

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Department: VT  
Noun Name: VENTILATION, FLAMMABLE GAS CYLINDER STRM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 13A  
OPNAVINST 5100.19D

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY FOUR MINUTES IN THE FLAMMABLE GAS CYLINDER STOREROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_ AIR CHANGE EVERY FOUR MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, FLAMMABLE LIQUID STRM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 13A  
OPNAVINST 5100.19D

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY FOUR MINUTES IN THE FLAMMABLE LIQUID STOREROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_ AIR CHANGE EVERY FOUR MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, HAZMAT STORAGE AREAS:

Reference:  
OPNAVINST 5100.19D, B0304B(4), C2305B  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 13A  
SHIP SPEC 512 (DDG-51 AND LHD-2 CLASS AT/FCT'S ONLY)  
GSO 512  
OPNAVINST 5100.19D  
NSTM 670-2.1.3.3

Remarks:  
ADEQUACY OF VENTILATION IN (HAZMAT OR OTHER) STOWAGE AREAS HAD NOT BEEN CHECKED BY AN INDUSTRIAL HYGIENIST.  
VENTILATION READINGS IN THE FOLLOWING STORAGE AREAS WERE NOT INCLUDED IN THE SHIP'S BASELINE OR FOLLOW-UP IH SURVEY:

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Department: VT  
Noun Name: VENTILATION, HAZMINCEN ISSUE ROOM:

Reference:  
OPNAVINST 5100.19D, B0304B(4), C2305B  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 13A  
SHIP SPEC 512 (DDG-51 AND LHD-2 CLASS AT/FCT'S ONLY)  
GSO 512  
OPNAVINST 5100.19D

Remarks:  
- ADEQUACY OF VENTILATION IN THE HAZMINCEN HAD NOT BEEN CHECKED BY AN INDUSTRIAL HYGIENIST.  
- VENTILATION READINGS IN THE HAZMINCEN WAS NOT INCLUDED IN THE SHIP'S BASELINE OR FOLLOW-UP IH SURVEY.  
- MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY FOUR MINUTES. MEASURED RATE OF CHANGE WAS \_\_\_\_\_ AIR CHANGE EVERY FOUR MINUTES.  
- MECHANICAL EXHAUST AND SUPPLY VENTILATION SYSTEMS DID NOT MAINTAIN PROPER NEGATIVE PRESSURE OF 0.25 INCHES OF WATER GAGE PRESSURE) WHEN THE ACCESS DOORS WERE CLOSED.

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Department: VT  
Noun Name: VENTILATION, JP-5 PUMP ROOM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 3A  
OPNAVINST 5100.19D  
SHIP SPEC 512 (DDG-51 AND LHD-2 CLASS AT/FCT'S ONLY)

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY SIX MINUTES IN THE J-5 PUMP ROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_ AIR CHANGE EVERY SIX MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, LAUNDRY:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 4I  
OPNAVINST 5100.19D

Remarks:  
IN THE LAUNDRY, VENTILATION FOR HEAT STRESS CONTROL:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED TO PROVIDE SPOT COOLING AT WORKER LOCATIONS.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- AN EXHAUST HOOD WAS NOT PROVIDED FOR EACH PRESS HEAD.  
- A SUPPLY TERMINAL WAS NOT PROVIDED/FUNCTIONING AT THE WORKER LOCATION  
BETWEEN THE PRESSES.  
- ADJUSTABLE BLAST TERMINAL SPOT COOLERS WERE NOT PROVIDED FOR WORKERS.

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Department: VT  
Noun Name: VENTILATION, MOGAS PUMP ROOM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 11B  
OPNAVINST 5100.19D  
SHIP SPEC 512 (DDG-51 AND LHD-2 CLASS AT/FCT'S ONLY)

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY SIX  
MINUTES IN THE MOGAS PUMP ROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_AIR  
CHANGE EVERY SIX MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, NON-FLAMMABLE GAS CYLINDER STRM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 4A  
SHIP SPEC 512 (DDG-51 AND LHD-2 CLASS AT/FCT'S ONLY)

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY  
FOUR MINUTES IN THE GAS CYLINDER STOREROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_AIR  
CHANGE EVERY FOUR MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.  
NOTE: RATE OF CHANGE (MIN)= INDICATES A REQUIREMENT FOR VENTILATION AT A  
RATE SUFFICIENT TO ENSURE ONE COMPLETE AIR CHANGE IN THE TIME (MINUTES)  
INDICATED. RATE OF CHANGE = VOLUME OF SPACE IN CF/CFM

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Department: VT  
Noun Name: VENTILATION, OIL LAB HOOD:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 4A  
OPNAVINST 5100.19D  
SHIP SPEC 512 (DDG-51 AND LHD-2 CLASS AT/FCT'S ONLY)

Remarks:  
OIL LAB LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- HAD INADEQUATE AIR FLOW.  
- WAS POORLY DESIGNED.  
- DID NOT HAVE 80-100 FPM FULL OPEN AREA FACE VELOCITY (SASH HEIGHT MUST BE  
ADJUSTED AND MARKED TO ENSURE 80-100 FPM FACE VELOCITY IF IT CANNOT BE  
ACHIEVED WITH FULL OPEN FACE AREA).  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.

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Department: VT  
Noun Name: VENTILATION, OXIDIZER STOREROOM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 13A  
SHIP SPEC 512 (DDG-51 AND LHD-2 AT/FCT'S ONLY)

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY SIX MINUTES IN THE OXIDIZER STOREROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_AIR CHANGE EVERY SIX MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, PAINT MIXING AND ISSUE:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 13A  
OPNAVINST 5100.19D  
SHIP SPEC 512 (DDG-51 AND LHD-2 AT/FCT'S ONLY)

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY FOUR MINUTES IN THE PAINT MIXING AND ISSUE ROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_AIR CHANGE EVERY FOUR MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.  
RATE OF CHANGE (MIN)= INDICATES A REQUIREMENT FOR VENTILATION AT A RATE SUFFICIENT TO ENSURE ONE COMPLETE AIR CHANGE IN THE TIME (MINUTES) INDICATED. RATE OF CHANGE = VOLUME OF SPACE IN CF/CFM

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Department: VT  
Noun Name: VENTILATION, PARTS CLEANING TANK HOOD:

Reference:  
INDUSTRIAL VENTILATION MANUAL 10-102, 10-109

Remarks:  
MECHANICAL EXHAUST VENTILATION FOR THE PARTS CLEANING TANK HOOD AT THE (SPECIFY PROCESS AND LOCATION):  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED TO CAPTURE VAPORS.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.

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Department: VT  
Noun Name: VENTILATION, PHOTO LAB:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 10B  
OPNAVINST 5100.19D

Remarks:  
IN THE PHOTO LAB, LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- WAS INOPERABLE.

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Department: VT  
Noun Name: VENTILATION, PROSTHETICS LABORATORY HOOD:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 15J  
OPNAVINST 5100.19D

Remarks:  
IN THE PHOTO LAB, LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- WAS INOPERABLE.

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Department: VT  
Noun Name: VENTILATION, SCULLERY:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 8D  
SHIP SPEC 512 (DDG-51 AND LHD-2 AT/FCT'S ONLY)  
OPNAVINST 5100.19D

Remarks:  
SCULLERY VENTILATION (NOTE IF EXHAUST OR SUPPLY):  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- WAS INOPERABLE.  
- WAS OBSTRUCTED.

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Department: VT  
Noun Name: VENTILATION, SEWAGE PUMP ROOM:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 3H  
OPNAVINST 5100.19D  
SHIP SPEC 512 (DDG-51 AND LHD-2 AT/FCT'S ONLY)

Remarks:  
MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE 1 AIR CHANGE EVERY SIX  
MINUTES IN THE SEWAGE PUMP ROOM. MEASURED RATE OF CHANGE WAS \_\_\_\_\_AIR  
CHANGE  
EVERY SIX MINUTES.  
- SUPPLY/EXHAUST SYSTEM WAS INOP.  
- SPACE LACKED NEGATIVE AIR PRESSURE TO REMOVE CONTAMINANTS.

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Department: VT  
Noun Name: VENTILATION, SLOT HOOD:

Reference:  
INDUSTRIAL VENTILATION BOOK 3-17

Remarks:  
SLOT HOOD LOCAL EXHAUST VENTILATION AT THE (CITE PROCESS):  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- WAS INOPERABLE.

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Department: VT  
Noun Name: VENTILATION, SPRAY PAINTING BOOTH:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 10-113  
OPNAVINST 5100.19D

Remarks:  
SPRAY PAINTING BOOTH LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- WAS INOPERABLE.  
- LACKED A MAGNEHELIC GAUGE FOR FILTER CHANGING.  
- HAD DIRTY/CLOGGED FILTERS.  
- WAS MISSING THE FILTERS.

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Department: VT  
Noun Name: VENTILATION, ULTRASONIC CLEANER EXHAUST HOOD:

Reference:  
INDUSTRIAL VENTILATION MANUAL  
OPNAVINST 5100.19D

Remarks:  
AT THE ULTRASONIC CLEANER, THE LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- WAS INOPERABLE.

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Department: VT  
Noun Name: VENTILATION, VARNISH TANK HOOD:

Reference:  
INDUSTRIAL VENTILATION MANUAL 10-174  
OPNAVINST 5100.19D

Remarks:  
VARNISH DIP TANK HOOD LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED.  
- WAS INADEQUATE.  
- WAS POORLY DESIGNED.  
- HAD LOW AIR FLOW.  
- HAD NOT BEEN EVALUATED BY AN INDUSTRIAL HYGIENIST.  
- WAS INOPERABLE.

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Department: VT  
Noun Name: VENTILATION, WELDING LOCAL EXHAUST, FLEXIBLE HOOD:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 4D

Remarks:  
WELDING FLEXIBLE HOOD LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED  
- WAS INADEQUATE  
- LACKED A HOOD ON THE END OF THE FLEX HOSE  
- DID NOT HAVE AT LEAST 1500 FPM VELOCITY AT THE HOOD FACE  
- DID NOT REACH THE WORK SURFACE  
- WAS INOPERABLE  
- HAD DIRTY SCREEN

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Department: VT  
Noun Name: VENTILATION, WORKSHOP PROCESSES:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL  
INDUSTRIAL VENTILATION MANUAL 10-150 TO 10 -162  
OPNAVINST 5100.19D

Remarks:  
LOCAL EXHAUST VENTILATION FOR (SPECIFY WORKSHOP PROCESS):  
- MECHANICAL EXHAUST VENTILATION SYSTEM DID NOT PROVIDE MINIMUM FLOW RATE OF

\_\_\_\_\_  
AIR CHANGES EVERY FOUR MINUTES  
MEASURED RATE OF CHANGE WAS \_\_\_\_\_ AIR CHANGE EVERY FOUR MINUTES  
- SUPPLY/EXHAUST SYSTEM WAS INOP  
- WAS NOT PROVIDED  
- WAS INADEQUATE

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Department: VT  
Noun Name: VENTILATION, X-RAY DEVELOPER LAB:

Reference:  
NAVSEA 0938-LP-018-0010 - HVAC DESIGN CRITERIA MANUAL 9A  
OPNAVINST 5100.19D

Remarks:  
IN THE X-RAY DEVELOPER LAB, LOCAL EXHAUST VENTILATION:  
- WAS NOT PROVIDED  
- WAS INADEQUATE  
- HAD LOW AIR FLOW  
- WAS INOPERABLE